

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/348,658A

LS

AU 1812

DATE: 07/26/96
TIME: 11:41:48

INPUT SET: S11784.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Eaton, Dan L.
6 de Sauvage, Frederic J.
7
8 (ii) TITLE OF INVENTION: MPL LIGAND
9
10 (iii) NUMBER OF SEQUENCES: 17
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Genentech, Inc.
14 (B) STREET: 460 Point San Bruno Blvd
15 (C) CITY: South San Francisco
16 (D) STATE: California
17 (E) COUNTRY: USA
18 (F) ZIP: 94080
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: WinPatin (Genentech)
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: 08/348658
28 (B) FILING DATE: 02-Dec-1994
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: 08/185607
33 (B) FILING DATE: 21-JAN-1994
34
35 (vii) PRIOR APPLICATION DATA:
36 (A) APPLICATION NUMBER: 08/176553
37 (B) FILING DATE: 03-JAN-1994
38
39 (viii) ATTORNEY/AGENT INFORMATION:
40 (A) NAME: Winter, Daryl B.
41 (B) REGISTRATION NUMBER: 32,637
42 (C) REFERENCE/DOCKET NUMBER: P0871P1C1
43
44 (ix) TELECOMMUNICATION INFORMATION:
45 (A) TELEPHONE: 415/225-1249
46 (B) TELEFAX: 415/952-9881

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47 (C) TELEX: 910/371-7168
48
49 (2) INFORMATION FOR SEQ ID NO:1:
50
51 (i) SEQUENCE CHARACTERISTICS:
52 (A) LENGTH: 20 amino acids
53 (B) TYPE: Amino Acid
54 (D) TOPOLOGY: Linear
55
56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
57
58 Ser Pro Ala Pro Pro Ala Cys Asp Pro Arg Leu Leu Asn Lys Leu
59 1 5 10 15
60
61 Leu Arg Asp Asp His
62 20
63
64 (2) INFORMATION FOR SEQ ID NO:2:
65
66 (i) SEQUENCE CHARACTERISTICS:
67 (A) LENGTH: 26 amino acids
68 (B) TYPE: Amino Acid
69 (D) TOPOLOGY: Linear
70
71 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
72
73 Ser Pro Ala Pro Pro Ala Cys Asp Leu Arg Val Leu Ser Lys Leu
74 1 5 10 15
75
76 Leu Arg Asp Ser His Val Leu His Ser Arg Leu
77 20 25 26
78
79 (2) INFORMATION FOR SEQ ID NO:3:
80
81 (i) SEQUENCE CHARACTERISTICS:
82 (A) LENGTH: 42 amino acids
83 (B) TYPE: Amino Acid
84 (D) TOPOLOGY: Linear
85
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
87
88 Leu Leu Leu Val Val Met Leu Leu Leu Thr Ala Arg Leu Thr Leu
89 -16 -15 -10 -5
90
91 Ser Ser Pro Ala Pro Pro Ala Cys Asp Leu Arg Val Leu Ser Lys
92 1 5 10
93
94 Leu Leu Arg Asp Ser His Val Leu His Ser Arg Leu
95 15 20 25 26
96
97 (2) INFORMATION FOR SEQ ID NO:4:
98
99 (i) SEQUENCE CHARACTERISTICS:

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100 (A) LENGTH: 390 base pairs
101 (B) TYPE: Nucleic Acid
102 (C) STRANDEDNESS: Double
103 (D) TOPOLOGY: Linear
104
105 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
106
107
108 GAATTCCTGG AATACCAGCT GACAATGATT TCCTCCTCAT CTTTCAACCT 50
109
110 CACCTCTCCT CATCTAAGAA TTG CTC CTC GTG GTC ATG CTT 91
111 Leu Leu Leu Val Val Met Leu
112 -16 -15 -10
113
114 CTC CTA ACT GCA AGG CTA ACG CTG TCC AGC CCG GCT CCT 130
115 Leu Leu Thr Ala Arg Leu Thr Leu Ser Ser Pro Ala Pro
116 -5 1
117
118 CCT GCT TGT GAC CTC CGA GTC CTC AGT AAA CTG CTT CGT 169
119 Pro Ala Cys Asp Leu Arg Val Leu Ser Lys Leu Leu Arg
120 5 10 15
121
122 GAC TCC CAT GTC CTT CAC AGC AGA CTG GTGA GAACTCCCAA 210
123 Asp Ser His Val Leu His Ser Arg Leu
124 20 25 26
125
126 CATTATCCCC TTTATCCGCG TAACTGGTAA GACACCCATA CTCCCAGGAA 260
127
128 GACACCATCA CTTCTCTCTAA CTCCTTGACC CAATGACTAT TCTTCCCATA 310
129
130 TTGTCCCCAC CTACTGATCA CACTCTCTGA CAAGAATTAT TCTTCACAAT 360
131
132 ACAGCCCGCA TTTAAAAGCT CTCGTCTAGA 390
133
134 (2) INFORMATION FOR SEQ ID NO:5:
135
136 (i) SEQUENCE CHARACTERISTICS:
137 (A) LENGTH: 390 base pairs
138 (B) TYPE: Nucleic Acid
139 (C) STRANDEDNESS: Single
140 (D) TOPOLOGY: Linear
141
142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
143
144
145 TCTAGACGAG AGCTTTTAAA TGCGGGCTGT ATTGTGAAGA ATAATTCTTG 50
146
147 TCAGAGAGTG TGATCAGTAG GTGGGGACAA TATGGGAAGA ATAGTCATTG 100
148
149 GGTCAAGGAG TTAGAGGAAG TGATGGTGTC TTCCTGGGAG TATGGGTGTC 150
150
151 TTACCAGTTA CGCGGATAAA GGGGATAATG TTGGGAGTTC TCACCAGTCT 200
152

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153 GCTGTGAAGG ACATGGGAGT CACGAAGCAG TTTACTGAGG ACTCGGAGGT 250
154
155 CACAAGCAGG AGGAGCCGGG CTGGACAGCG TTAGCCTTGC AGTTAGGAGA 300
156
157 AGCATGACCA CGAGGAGCAA TTCTTAGATG AGGAGAGGTG AGGTTGAAAG 350
158
159 ATGAGGAGGA AATCATTGTC AGCTGGTATT CCAGGAATTC 390
160

161 (2) INFORMATION FOR SEQ ID NO:6:

162
163 (i) SEQUENCE CHARACTERISTICS:
164 (A) LENGTH: 25 amino acids
165 (B) TYPE: Amino Acid
166 (D) TOPOLOGY: Linear
167

168 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

169
170 Ser Pro Ala Pro Pro Ala Cys Asp Pro Arg Leu Leu Asn Lys Leu
171 1 5 10 15
172
173 Leu Arg Asp Asp His Val Leu His Gly Arg
174 20 25
175

176 (2) INFORMATION FOR SEQ ID NO:7:

177
178 (i) SEQUENCE CHARACTERISTICS:
179 (A) LENGTH: 26 amino acids
180 (B) TYPE: Amino Acid
181 (D) TOPOLOGY: Linear
182

183 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

184
185 Ser Pro Ala Pro Pro Ala Cys Asp Pro Arg Leu Leu Asn Lys Leu
186 1 5 10 15
187
188 Leu Arg Asp Asp Xaa Val Leu His Gly Arg Leu
189 20 25 26
190

191 (2) INFORMATION FOR SEQ ID NO:8:

192
193 (i) SEQUENCE CHARACTERISTICS:
194 (A) LENGTH: 25 amino acids
195 (B) TYPE: Amino Acid
196 (D) TOPOLOGY: Linear
197

198 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

199
200 Ser Pro Ala Pro Pro Ala Xaa Asp Pro Arg Leu Leu Asn Lys Leu
201 1 5 10 15
202
203 Leu Arg Asp Asp His Val Leu His Gly Arg
204 20 25
205

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206 (2) INFORMATION FOR SEQ ID NO:9:

207

208 (i) SEQUENCE CHARACTERISTICS:

209 (A) LENGTH: 14 amino acids

210 (B) TYPE: Amino Acid

211 (D) TOPOLOGY: Linear

212

213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

214

215 Xaa Pro Ala Pro Pro Ala Xaa Asp Pro Arg Leu Xaa Asn Lys

216 1 5 10 14

217

218 (2) INFORMATION FOR SEQ ID NO:10:

219

220 (i) SEQUENCE CHARACTERISTICS:

221 (A) LENGTH: 20 base pairs

222 (B) TYPE: Nucleic Acid

223 (C) STRANDEDNESS: Single

224 (D) TOPOLOGY: Linear

225

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

227

228

229 CCNGCNCNC CNGCNTGYGA 20

230

231 (2) INFORMATION FOR SEQ ID NO:11:

232

233 (i) SEQUENCE CHARACTERISTICS:

234 (A) LENGTH: 21 base pairs

235 (B) TYPE: Nucleic Acid

236 (C) STRANDEDNESS: Single

237 (D) TOPOLOGY: Linear

238

239 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

240

241

242 NCCRTGNARN ACRTGRTCRT C 21

243

244 (2) INFORMATION FOR SEQ ID NO:12:

245

246 (i) SEQUENCE CHARACTERISTICS:

247 (A) LENGTH: 69 base pairs

248 (B) TYPE: Nucleic Acid

249 (C) STRANDEDNESS: Double

250 (D) TOPOLOGY: Linear

251

252 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

253

254

255 CCAGCGCCGC CAGCCTGTGA CCCCCGACTC CTAAATAAAC TGCCTCGTGA 50

256

257 TGACCACGTT CAGCACGGC 69

258

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/348,658A*

DATE: 07/26/96
TIME: 11:42:14

INPUT SET: S11784.raw

Line	Error	Original Text
27	Wrong application Serial Number	(A) APPLICATION NUMBER: 08/348658